HAND RECEIPT

COVERING CONTENTS OF COMPONENTS OF END ITEM (COEI). BASIC ISSUE ITEMS (BII). AND ADDITIONAL AUTHORIZATION LIST (AAL)

FOR

TOPOGRAPHIC SUPPORT SYSTEM MOSAICKING/DRAFTING SECTION

MODEL ADC-TSS-10 NSN:6675-01-106-6815

This Manual Supersedes TM 5-6675-321-14-HR, 6 September 1983

HEADQUARTERS, DEPARTMENT OF THE ARMY 3 SEPTEMBER 1985

HEADQUARTERS DEPARTMENT OF THE ARMY WASHINGTON, D.C. 3 September 1985

HAND RECEIPT COVERING CONTENTS OF COMPONENTS OF END ITEM (COEI), BASIC ISSUE ITEMS (BII), AND ADDITIONAL AUTHORIZATION LIST (AAL)

FOR

MOSAICKING/DRAFTING SECTION

TOPOGRAPHIC SUPPORT SYSTEM

NSN 6675-01-106-6815

REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual, directly to: Commander, U.S. Army Troop Support Command, Attn: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished to you.

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HAND RECEIPT FOR CONTENTS OF COMPONENTS OF END ITEM (COEI), BASIC ISSUE ITEMS (BII), AND ADDITIONAL AUTHORIZATION LIST ITEMS FOR MOSAICKING/DRAFTING SECTION TOPOGRAPHIC SUPPORT SYSTEM NSN 6675-01-106-6815

Section I. INTRODUCTION

1. SCOPE . This publication provides overprinted DA Form 2062 (Hand Receipt) which lists the contents of Components of End Item (COEI), Basic Issue Items (BII), and Additional Authorization List (AAL) items related to the Mosaicking/Drafting Section Topographic Support System.

2. GENERAL.

a. Section II is the overprinted DA Form 2062 which lists the line item entry for System/End Item and the content of COEI, BII, and AAL extracted from TM 5-6675-321-14. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-6675-321-14.

b. The overprinted DA Form 2062 will eliminate manual preparation of the form and will assist organizations in inventorying and accounting for property as required by AR 710-2.

c. Local reproduction of the overprinted DA Form is authorized. However, organizations shall comply with local policies on the reproduction of DA Form 2062 by office copying equipment, field printing plant, or duplicating plant facilities.

d. Additional copies of this publication may be requisitioned from: U.S. Army Adjutant General Publications Center, 2800 Eastern Boulevard, Baltimore, MD 21220. See DA Pamphlet 310-10-2 for proper requisitioning procedures.

3. EXPLANATION OF BLOCKS AND COLUMNS (DA FORM 2062). Refer to Chapter 2, AR 710-2. Additional information required to complete DA Form 2062 is listed below:

a. Hand receipts shall identify the accounting requirement status of all line entries via the description column for each item: i.e., the first entry in the description column shall be the line item's Expendability (EXP)/Accounting Require ments Code (ARC), in parentheses, in front of the line item name. One of the following codes will apply:

(N) For Nonexpendable: Items not consumed in use, retaining their identity during use, and requiring that accountability be main-tained throughout the life of the item.

- (D) For Durable: Nonconsumable components of sets, kits, outfits, and assemblages; all tools in FSC'S 5110, 5120, 5130, 5133, 5136, 5140, 5180, 5210, 5220, and 5280; and any other nonconsumable with a price in excess of \$50.00 not already "N".
- (X) For Expendable: Items regardless of type classification or price and which are consumed in use. Includes all class 9 repair parts. Items not consumed in use which cost \$50.00 or less and not already "N" or "D".
 - b. Authorization documents are as follows:

(1) Components of End Item (COEI) are authorized by the applicable Repair Parts and Special Tools List (RPSTL).

(2) Basic Issue Items (BII) are authorized by the applicable operator's manual.

(3) Additional Authorization List (AAL) items are authorized by the appropriate MTOE, TDA, CTA, or JTA authorization documents.

| Section II. Hand Receipt FROM FROM FROM TO HAND RECEIPT NUMBER FROM TO HAND RECEIPT NUMBER TO TO HAND RECEIPT NUMBER TO TO TO TO TO TO TO T | 2·1. | END ITEM DESCRIPTION | 6675-01-106-6815 Mosaicking/Drafting Section TM 5-6675-321-14 28 June 1985 | | <i>b</i> . <i>c</i> . <i>d</i> . <i>e</i> . | -01-106-6815 (N) TOPOGRAPHIC SUPPORT SYSTEM MOSAICKING/DRAFTING EA 1 | SECTION MODEL ADC-TSS-10 | COMPONENTS OF END ITEM (COEI) | -00-974-7206 (N) AIR CONDITIONER (B1349) MIL-A-52767 EA 2 EA 2 | (N) BASE, FILING CABINET (88915) S4634 EA 1 EA 1 | -01-033-7967 (X) BODY, VAN TRAILER (97403) TL/MIL-B-13207/3, EA 1 EA 1 | SIZE 30 ISO IB | -00-105-7941 (X) BULLETIN BOARD, CORK (79819) T5-2303 EA 1 EA 1 | (N) CABINET, STORAGE, SUPPLY (97403) 13225E3792 EA 2 EA 2 | -00-286-5259 (N) CABINET, STORAGE, WALL (97403) 13225E3150 EA 7 | (N) CABINET, STORAGE, TECH MANUALS (97403) EA 1 EA 1 | 13225E4648 | -00-134-0847 (X) CABLE ASSEMBLY, POWER ELECTRICAL (90129) EA 2 EA 2 | RC1736-5, EXCEPT 50.5 FT LG | -01-139-7441 (X) CALCULATING MACHINE (5114) HP-32E EA 1 EA 1 | SED AS A: HAND RECEIPT, enter Hand Receipt Annex Number HAND RECEIPT FOR QUARTERS FURNITURE: enter Condition Codes |
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| HAND RECEIPT/ANN | For use of this form, see L The proponent agency is O | FUR END ITEM STOCK NUMBER | | STOCK NUMBER | a. | 6675-01-106-6815 | | | 4120-00-974-7206 | | 2510-01-033-7967 | | 7195-00-105-7941 | | 7125-00-286-5259 | | | 6150-00-134-0847 | | 7420-01-139-7441 | * WHEN USED AS A. HAND RECEIPT, enter Hand Receipt Annex Number HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes |

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| | COEI CONTINUED | | | | | | | | | | |
| 7105-00-269-8463 | (X) CHAIR, FOLDING (04718) 42-699/9DL | | EA | 5 | | | | | | | |
| 7110-00-273-8791 | (N) CHAIR, ROTARY (9D146) S-17 | | EA | - 4 | | | | | | | |
| 4940-00-195-7251 | (X) CLEANER, ULTRASONIC (79819) 3069 USC 3 | | EA | | | | | | | | ī |
| 7110-00-267-2784 | (X) FILING CABINET (37296) 30-3410-1 | | EA | - 5 | | | | | | | - 1 |
| | (N) FILING CABINET, MAP AND PLAN (88915) F3445 | | EA | -4 | | | | | | | 1 |
| 5440-01-152-7751 | (N) LADDER, EXTENSION-FOLDING (39428) 8028T16 | | EA | | | | | | | | |
| 2540-01-133-9726 | (X) LADDER, VEHICLE BOARDING (51745) 13225E3074 | | EA | - 9 | | | | | | | r |
| | (N) LIFTING AND TIEDOWN DEVICE, TRANSPORTABLE | | EA | - ~ | | | | | | | |
| | SHELTER, LEFT HAND (52555) 1390-4 | | | | | | | | | | |
| | (N) LIFTING AND TIEDOWN DEVICE, TRANSPORTABLE | | EA | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | | | | 1 |
| | SHELTER, RIGHT HAND (52555) 1390-3 | | | | | | | | | | |
| | (X) LIGHT, EMERGENCY (97403) 13225E3396 | | EA | | | | | | | | 1 |
| 5975-00-878-3791 | (X) ROD, GROUND (82370) A104 | | EA E | | | | | | | | 1 |
| 2330-01-076-4797 | <pre>(N) SEMITRAILER, FLATBED (97403) MERADCOM</pre> | | ΞA | | | | | | | | T |
| | TL/MIL-B-13207, PAR. 3.11, FIG. 12, TABLES III | | | | | | | | | | T |
| | AND IV | | | | | - | | | | | |
| 5120-01-013-1676 | (D) SLIDE HAMMER, GROUND ROD EMPLACEMENT (45225) | | EA | | | | | | | | т |
| 6675-01-203-1049 | (N) TABLE, SCRIBING, TRACING, DRAFTING (33363) | | <u>EA</u> | 4 | | | | | | | Τ |
| | 99-9933 | | | | | | | | | | r |
| | (N) TOP, FILING CABINET (88915) T3445 | | EA | | | | | | | | |
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| | | COEI CONTINUED | | | | | | | | | | |
| 1 | 7520-00-224-7621 | (X) TRIMMER, PAPER, DROP KNIFE (79819) 08-2-24 | | | EA | 1 | | | | | | |
| | 6675-01-033-7750 | (N) VIEWER, FILM, PORTABLE (33363) 72-0210 | | | EA | П | | | | | | |
| | 3540-01-045-9202 | (N) WAX COATER, ADHESIVE (33887) 1215 | | | EA | 1 | | | | | | |
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| 1 | SIUCH NUMBER | LIEM DESCRIFTION | * ट | er K | ⊲ ⋽ ∿ | HTUA AUTH | A A | | 0 | 0 | | u. |
| | | BASIC ISSUE ITEMS (BII) | | | | | | | | | | |
| 1 | 8415-00-100-7742 | (X) APRON, LABORATORY (85491) 1130 | | | BX | 2 | | | | | | |
| I_ | 6675-01-114-7226 | (X) BAR, EXTENSION BEAM, COMPASS (33363) 55-1818 | | | EA | | | | | | | |
| | 6675-01-071-8913 | (X) BEAM ATTACHMENT, DRAFTING COMPASS (79819) | | | EA | 2 | | + | | | | |
| | | P/N 3175B | | | | | | | | | | |
| | | | | | | | | | | | | |
| L | | | | | | | | | | | | |
| | 6530-00-772-0326 | (X) BOWL, SURGICAL SPONGE (05668) 7272-00 | | - | ÆA | 9 | | | | | | |
| | 8020-00-224-8022 | (X) BRUSH, ARTIST'S, SQUIRREL TAIL (79819) 9382, | | | EA | | | | | | | |
| | | SIZE 6 | | | | | | | | | | |
| | 8020-00-262-9099 | (X) BRUSH, ARTIST'S, SQUIRREL TAIL (79819) 9382, | | | EA | | | | | | | |
| | | SIZE 8 | | | | | | | | | | |
| 1 | 8020-00-264-3883 | (X) BRUSH, ARTIST'S, SQUIRREL TAIL (79819) 9382, | | | EA | e B | | | | | | |
| | | SIZE 12 | | | | | | | | | | |
| | 8020-00-598-5907 | (X) BRUSH, ARTIST'S, RED SABLE (79819) 9355, SIZE 6 | | | EA | m | | | | | | |
| | 8020-00-224-8027 | (X) BRUSH, ARTIST'S, RED SABLE (79819) 9355, SIZE 8 | | | EA | | | | | | | |
| | 7920-00-291-5812 | (X) BRUSH, DUSTING, DRAFTSMAN'S (79819) Q6-38NB-010 | | | EA | | | | | | | |
| | 8020-00-260-1298 | (X) BRUSH, VARNISH (39428 7799T5 | | | EA | ę | | | | | | |
| | 7920-00-291-5815 | (X) BRUSH, WIRE, SCRATCH (39428) 7187T2 | | | EA | | | | | | | |
| | 5640-00-849-9850 | (X) BUILDING BOARD, HARD PRESSED, VEGETABLE FIBER, | | | SH | _ و | | | | | | |
| | | (84.287) ILL-R-810 TYPE 1 FINISH 1 DESIGN A | | | | | | | | | | |
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| (X) COMPASS, DRAFTING LEAD 3175LA 3175LA (N) CONTAINER ASSY, AERIAL (N) COVER, WORKING SURFACE, (X) COVER, WORKING SURFACE, (X) CURVE, DRAFTING, IRREGU (X) DIVIDERS, DRAFTING, PLA (X) DIVIDERS, DRAFTING, PLA (N) DRAFTING EQUIPMENT SET, (N) DRAFTING EQUIPMENT SET, (N) ERASER, ELECTRIC (33363 (D) FIRST AID KIT, GENERAL (D) GUAGE, THICKNESS (80244 (X) HOLDER SANDING DISK (3 | (33363) 55-1806 | EA 1 | | | |
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| (X) DIVIDERS, DRA (N) DRAFTING EQUI (N) ERAFR, ELECT (N) ERASER, ELECT (N) ERASER, ELECT (N) EXTINGUISHER, (N) EXTINGUISHER, (N) EXTINGUISHER, (N) EXTINGUISHER, (N) EXTINGUISHER, (D) FIRST AID KIT SC C-6545-IL, (D) GUAGE, THICKN | | EA 6 | | | |
| (N) DRAFTING EQUI SC6675-90-CL- SC6675-90-CL- (N) ERASER, ELECT (N) EXTINGUISHER, (D) FIRST AID KIJ SC C-65455-ILL, (D) GUAGE, THICKN | | EA 4 | | | |
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| (N) EXTINGUISHER, (33525) T2 (D) FIRST AID KIT SC C-6545-IL, (D) GUAGE, THICKN (X) HOUDER SANDI | | EA 4 | | | |
| (2) T2 (2) FIRST AID KIT SC C-6545-IL, SC C-6545-IL, (2) GUAGE, THICKN (x) HOLDER SANDI | FLUOROMETHANE | EA 2 | | | |
| (a) (a) (x) | | | | | |
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| 5110-00-595-8400 (X) KNIFE. CRAFTSMAN'S (99941) 3001 | | EA 6 | | | |

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| 5110-00-595-8406 | (X) KNIFE, CRAFTSMAN'S (79819) Q5-3041-2 | | | EA | œ | | | | | | |
| 7520-01-008-7640 | (X) LEAD REPOINTER, PENCIL (79819) 992WB | | | EA 4 | 4 | | | | | | |
| 7520-00-295-6170 | (X) LEAD REPOINTER, PENCIL (79819) 234 | | _ | EA | 6 | | | | | | -14-F |
| 6675-01-034-3110 | (X) LETTERING SET, RAPIDOMETRIC, (SCRIBE, PENS, INK) | | | SE | | | | | | | |
| | (79819) 3001JS9 | | | | | | | | | | |
| 6675-01-034-3109 | (N) LETTERING SET (79819) 3036JS5 | | | SE | 1 | | | | | | |
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| | KEM-1/B5D | | | | | | | | | | |
| 6650-00-255-8268 | (X) MAGNIFIER, MONOCULAR, LINEN TESTER (79819) | | ш | EA 6 | | | | | | | 1 |
| | Q8-9518 | | | | | | | | | | |
| 6650-00-256-9060 | (X) MAGNIFIER, MONOCULAR, READING TYPE (79819) | | <u></u> | EA 1 | | | | | | | |
| | Q8-9526 | | | | | | | | | | |
| 6675-00-222-2542 | (X) MEASURER, MAP (33363) 62-0300 | | <u>ы</u> | EA 1 | | | | | | | l l |
| 5340-00-682-1505 | (X) PADLOCK SET (38797) MS21313-52 | | S | SE 1 | | | | | | | 1 |
| 6675-00-641-5727 | (X) SCALE, DRAFTING (33363) 56-3280 | | <u></u> ы | EA 3 | | | | | | | T |
| 6675-00-641-5724 | (X) SCALE, DRAFTING (79819) 8228-20 | | ш | EA 6 | | | | | | | |
| 6675-00-238-3498 | (X) SCALE, DRAFTING (79819) 8230-E12 | | EA | A 6 | | | | | | | |
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| 6675-00-580-5077 | (X) SCALE, PLOTTING (81349) MIL-S-20197 | | | EA | | | | | | | |
| 6675-00-283-0027 | (X) SCALE, PLOTTING (81348) GG-S-161 | | | EA | 6 | | | | | | |
| 7330-00-680-2636 | (X) SCRAPER, RUBBER (81348) ZZ-S-70 | | | EA | | | | | | | |
| 5120-00-234-8913 | (X) SCREWDRIVER, CROSS TIP, SIZE 2 (81348) | | | EA | | | | | | | |
| | GGG-S-121 | | | | | | | | | | |
| 5120-00-234-8910 | (X) SCREWDRIVER, FLAT TIP (78525) 1006 | | | EA | | | | | | | |
| 7520-00-162-6178 | (X) SHARPENER, PENCIL (79819) U8-1031, MODEL KS | _ | | EA | | | | | | | |
| 7510-00-224-7242 | (X) SHIELD, ERASING (81348) GG-S-321 | | | DZ | | | | | | | |
| 6675-00-641-3561 | (X) STEREOSCOPE, LENS, AERIAL PHOTOGRAPH | | | EA | 9 | | | | | | |
| | INTERPRETATION (88997) 2POWERXSTEREOSCOPE | | | | | | | + | | | |
| 6675-00-641-5752 | (X) STRAIGHTEDGE (81348) GG-S-776, TYPE II | | | EA | 5 | | | | | | |
| | (X) STRAP ASSEMBLY, WEBBING, 35.00 IN. (98313) | | | EA | 12 | | | | | | |
| | 13225E3695-2 | | | - | | | | | + | | |
| | (X) STRAP ASSEMBLY, WEBBING, 45.00 IN. (98313) | | | EA | | | | | | - | |
| | 13225E3695-3 | | | | | | -+ | | | | |
| | (X) STRAP ASSEMBLY, WEBBING, 55.00 IN. (98313) | | | EA | 4 | | | | | | |
| | 13225E3695-6 | | | | + | | | | | | |
| | (X) STRAP ASSEMBLY, WEBBING, 65.00 IN. (98313) | | | EA | | | | | | | |
| | 13225E3695-5 | | | | | | | + | | | |
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| 10 | STOCK NUMBER | ITEM DESCRIPTION | | ر لا | | λo | 8. | | QUANTITY | λII | | Γ |
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| | | (X) STRAP ASSEMBLY, WEBBING, 29.00 IN. (98313) | | | EA | 2 | | | | | | |
| | | 13225E3695-13 | | | | | | | | | | |
| <u> </u> | | (X) STRAP ASSEMBLY, BUCKLE-END, 6.0 IN. (82820) | - | | EA | 11 | | | | | | |
| | | 1844-104 | | | | | | | | | | |
| | | (X) STRAP ASSEMBLY, BUCKLE-END, 7.0 IN. (82820) | | | EA | 2 | | | | | | |
| l. | | 1844-102 | | | | | | | | | | |
| | | (X) STRAP ASSEMBLY, BUCKLE-END, 8.0 IN. (82820) | | | • EA | 7 | | | | | | |
| 1 | | 1844-101 | | | | | | | | | | |
| | | (X) STRAP ASSEMBLY, BUCKLE-END, 9.0 IN. (82820) | | | EA | 2 | | | | | | |
| | | 1844-103 | | | | | | | | | | |
| | | (X) STRAP ASSEMBLY, TIP-END, 8.0 IN. (82820) | | | EA | 6 | | | | | | |
| | | 1845-107 | | | | <u> </u> | | | | | | |
| | | (X) STRAP ASSEMBLY, TIP-END, 36.0 IN. (82820) | | | EA | | | | | | | |
| | | 1845-106 | | | | | | | | | | |
| | | (X) STRAP ASSEMBLY, TIP-END, 40.0 IN. (82820) | | | EA | و | | | | | | |
| . 1 | | 1845-101 | | | | | | | | | | |
| | | (X) STRAP ASSEMBLY, TIP-END, 58.0 IN. (82820) | | | EA | 4 | | | | | | |
| | | 1845-105 | | - | | | | | | | | |
| | 6675-00-532-8898 | (X) TEMPLATE, DRAFTING (33363) 61-2300 | | | EA | 12 | | | | | | |
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| 5140-00-331-5496 | (D) TOOL BOX, PORTABLE, 1 FIXED HINGED TRAY | | EA | ہ | | | | | | | |
| | (75206) CS 19 | | | | | | | | | | |
| 5140-00-315-2747 | (D) TOOL BOX, PORTABLE, 1 REMOVABLE TRAY (75206) | | EA | | | | | | | | |
| | CS 16 | | | | | | | | | | Ī |
| 6740-00-224-9679 | (X) TRAY, PROCESSING, PHOTOGRAPHIC (08215) 2228-3 | | EA | | | | | | | | |
| 6675-00-190-5867 | (X) TRIANGLE, DRAFTING, 1 30 DEG, 1 60 DEG (33363) | | EA | ور | | | | | | | 1 |
| | 57-0220, SIZE 10 | | | | | | | | | | T |
| 6675-00-190-5863 | (X) TRIANGLE, DRAFTING, 1 30 DEG, 1 60 DEG (33363) | | EA | 9 | | | | | | | |
| | 57-0220, SIZE 14 | | | | | | | | | | - 1 |
| 6675-00-190-5862 | (X) TRIANGLE, DRAFTING, 2 45 DEGS (33363) 57-0292, | | EA | 0 | | | | | | | |
| | SIZE 8 | | | | | | | | | | |
| 6675-00-190-5864 | (X) TRIANGLE, DRAFTING, 2 45 DEGS (33363) 57-0292, | | EA | 9 | | | | | | | _ |
| | SIZE 12 | | | - | | | | | | | T |
| 6675-00-183-6487 | (X) T-SQUARE (81562) 8068E | | EA | 1 2 | | | | - | | | |
| 5120-00-224-7271 | (X) VISE, PIN (18037) PVDE | | EA | 9 | | | | | | | |
| 5120-00-264-3795 | (X) WRENCH, ADJUSTABLE, 6.0 IN. (80244) | | EA | 1 | | | | | | + | |
| | GGG-W-631-TY1CL1 | | | | | | | | | | |
| TM 5-6675-321-14 | OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT AND | | EA | | | | | | | | |
| | GENERAL SUPPORT, MOSALCKING/DRAFTING SECTION | | | | | | | | | | |
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| TM 5-6675-321-24P | REPAIR PARTS, SPECIAL TOOLS LIST, MOSAICKING/ | | | EA | | | | | | | | - <u>5</u> ~1- |
| | DRAFTING SECTION | | | | | | | | | | | |
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| L | | SECTION MODEL ADC-TSS-10 | | | | | | | | | | |
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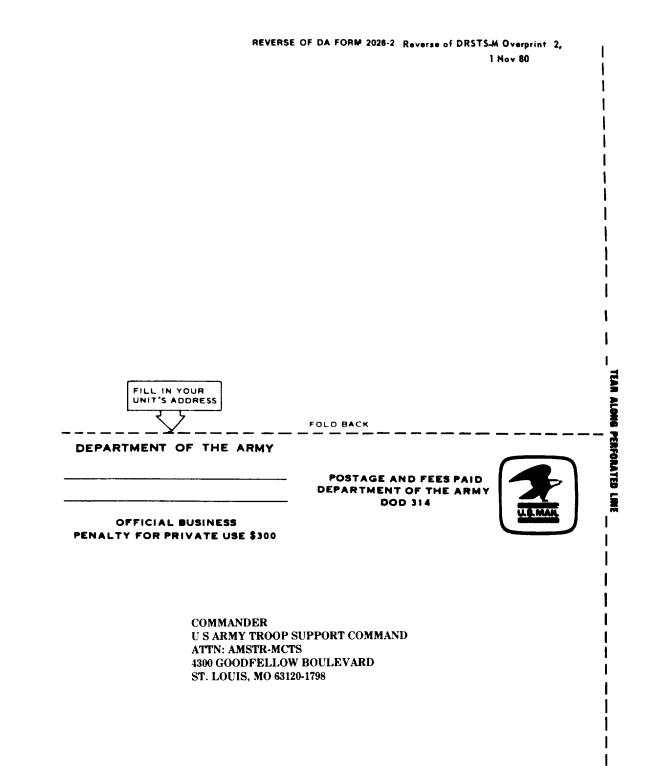
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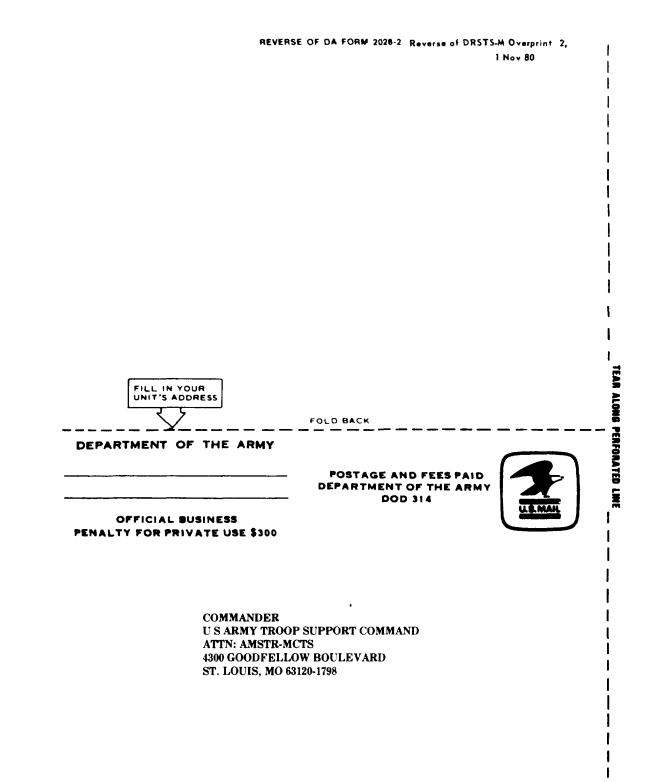
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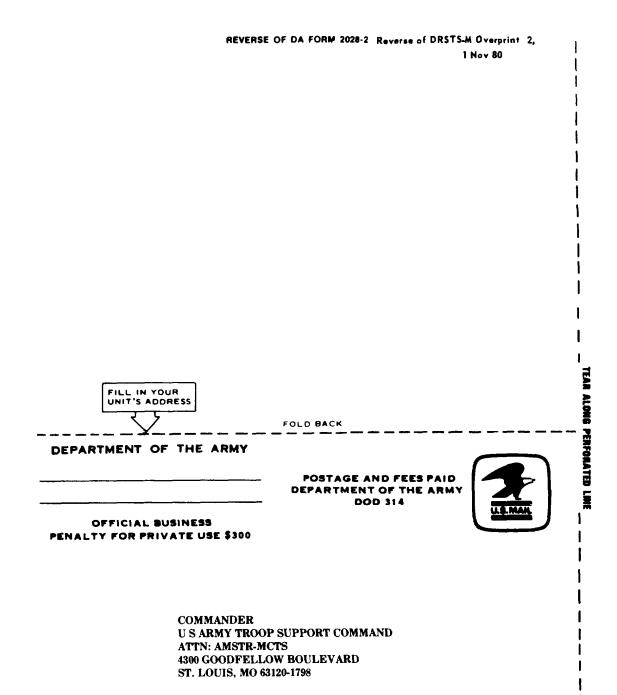
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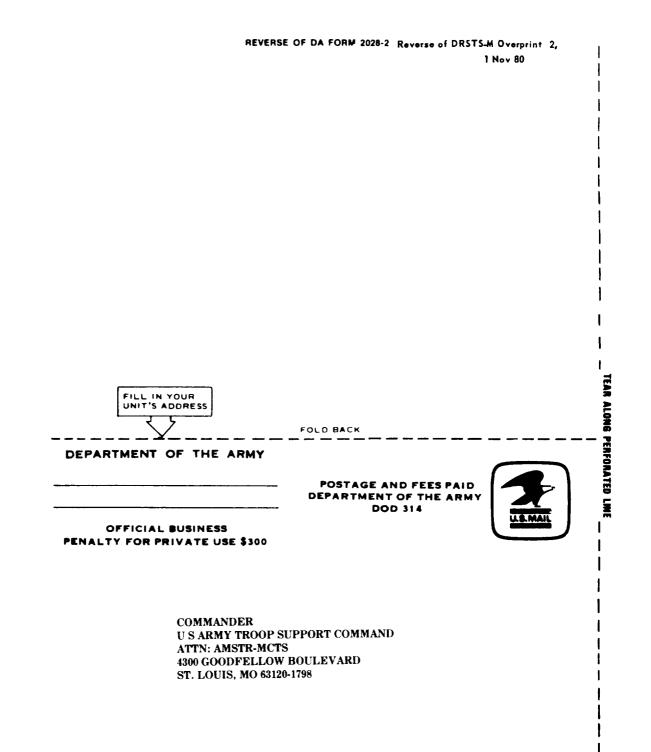
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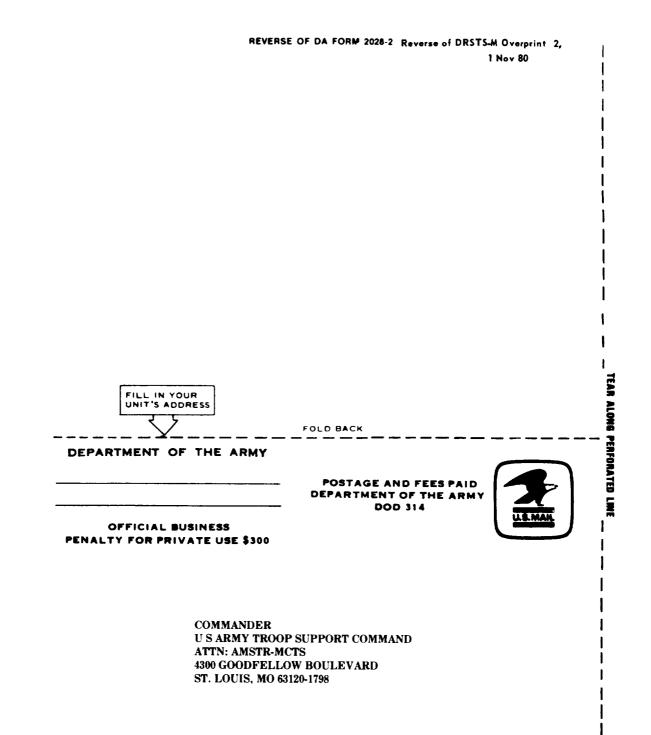
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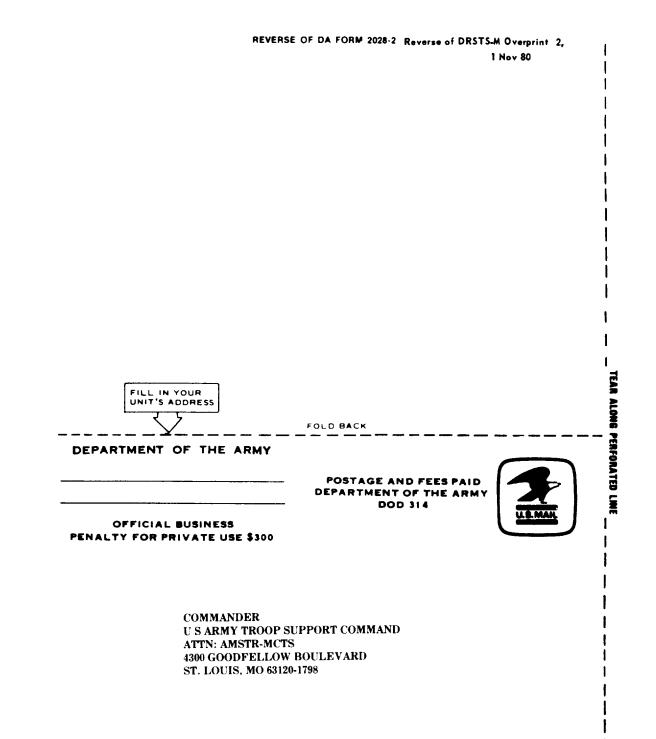
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The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch 1 decimeter = 10 centimeters = 3.94 inches 1 meter = 10 decimeters = 39.37 inches 1 dekameter = 10 meters = 32.8 feet 1 hectometer = 10 dekameters = 328.08 feet 1 kilometer = 10 hectometers = 3,280.8 feet

Weighte

l centigram = 10 milligrams = .15 grain l decigram = 10 centigrams = 1.54 grains l gram = 10 decigram = .035 ounce l dekagram = 10 grams = .35 ounce l hectogram = 10 dekagrams = 3.52 ounces l kilogram = 10 hectograms = 2.2 pounds l quintal = 100 kilograms = 220.46 pounds l metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliters = .34 fl. ounce 1 deciliter = 10 centiliters = 3.38 fl. ounces 1 liter = 10 deciliters = 33.81 fl. ounces 1 dekaliter = 10 liters = 2.64 gallons 1 hectoliter = 10 dekaliters = 26.42 gallons 1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch

- 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
- 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
- 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
- 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
- 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

| To change | То | Multiply by | To change | То | Multiply by |
|---------------|--------------------|-------------|--------------------|---------------|-------------|
| inches | centimeters | 2.540 | ounce-inches | newton-meters | .007062 |
| feet | meters | .305 | centimeters | inches | .394 |
| yards | meters | .914 | meters | feet | 3.280 |
| miles | kilometers | 1.609 | meters | yards | 1.094 |
| square inches | square centimeters | 6.451 | kilometers | miles | .621 |
| square feet | square meters | .093 | square centimeters | square inches | .155 |
| square yards | square meters | .836 | square meters | square feet | 10.764 |
| square miles | square kilometers | 2.590 | square meters | square yards | 1.196 |
| acres | square hectometers | .405 | square kilometers | square miles | .386 |
| cubic feet | cubic meters | .028 | square hectometers | acres | 2.471 |
| cubic yards | cubic meters | .765 | cubic meters | cubic feet | 35.315 |
| fluid ounces | milliliters | 29,573 | cubic meters | cubic yards | 1.308 |
| pints | liters | .473 | milliliters | fluid ounces | .034 |
| quarts | liters | .946 | liters | pints | 2.113 |
| gallons | liters | 3.785 | liters | quarts | 1.057 |
| ounces | grams | 28.349 | liters | gallons | .264 |
| pounds | kilograms | .454 | grams | ounces | .035 |
| short tons | metric tons | .907 | kilograms | pounds | 2.205 |
| pound-feet | newton-meters | 1.356 | metric tons | short tons | 1.102 |
| pound-inches | newton-meters | .11296 | | | |

Temperature (Exact)

| °F | Fahrenheit | 5/9 (after | Celsius | °C |
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| | temperature | subtracting 32) | temperature | |